AMENDMENTS TO THE CLAIMS

1. (Original) A toner layer regulating system for an electrophotographic image forming apparatus, comprising:

a toner carrier;

a toner regulating member disposed proximate said toner carrier, having a first surface disposed toward said toner carrier, and forming a nip with said toner carrier; said toner regulating member comprising a flexible metallic substrate and a metallic coating applied to cover an area of said first surface forming said nip; and

wherein said coating comprises at least a material selected from the group consisting of molybdenum and tungsten carbide.

- 2. (Original) The toner regulating system of claim 1 wherein said coating has a thickness of not more than 30 um.
- 3. (Original) The toner regulating system of claim 1 wherein said coating is a thermal sprayed coating of a thickness of not more than 30 um.
- 4. (Original) The toner regulating system of claim 1 wherein said toner regulating member has a first portion mounted to a support and a second portion supported in cantilever fashion by said first portion; said nip disposed in said second portion.
- 5. (Original) The toner regulating system of claim 4 wherein said coating is limited to said second portion of said toner regulating member.

- 6. (Original) The toner regulating system of claim 1 wherein said substrate comprises a first material and said coating comprises a second material different from said first material.
- 7. (Original) The toner regulating system of claim 1 wherein said substrate has a thickness in the range of 0.02 mm to 0.20 mm.
- 8. (Original) The toner regulating system of claim 1 wherein said coating has a surface roughness of ≤2.0 um Ra.
- 9. (Original) The toner regulating system of claim 8 wherein said coating has a surface roughness of 0.2 um to 1.5 um Ra.
- 10. (Original) The toner regulating system of claim 9 wherein said coating has a surface roughness of 0.7 um to 1.1 um Ra.
- 11. (Original) The toner regulating system of claim 1 wherein said coating is substantially homogeneous.
- 12. (Currently amended) The toner regulating system of claim 1 wherein said substrate has a generally plate-like appearance <u>and wherein said metallic coating</u> <u>directly contacts the metal of said metallic substrate</u>.
- 13. (Original) The toner regulating system of claim 1 wherein said coating is a thermal sprayed coating of a thickness of not more than 30 um and an as-applied surface roughness of \leq 2.0 um Ra.

14. (Original) The toner regulating system of claim 1:

wherein said coating is a thermal sprayed coating of a thickness of not more than 30 um;

wherein said substrate comprises a first material and said coating comprises a second material different from said first material;

wherein said coating has a surface roughness of ≤2.0 um Ra; wherein said coating is substantially uniform in composition; and wherein said substrate has a generally plate-like appearance.

15. (Original) A toner layer regulating system for an electrophotographic image forming apparatus, comprising:

a toner carrier;

a toner regulating member disposed proximate said toner carrier and forming a nip with said toner carrier, said toner regulating member having a first portion mounted to a support and a second portion supported in cantilever fashion by said first portion, said nip disposed in said second portion, said toner regulating member further having a first surface disposed toward said toner carrier;

said toner regulating member comprising a flexible metallic substrate and a coating over an area of said first surface forming said nip;

wherein said coating comprises a thermal sprayed metallic coating of not more than 30 um thickness, said coating comprising at least a material selected from the group consisting of molybdenum and tungsten;

wherein substrate comprises a first material and said coating comprises a second material different from said first material and said coating is limited to said second portion of said toner regulating member; and wherein said coating has a surface roughness of ≤ 2.0 um Ra.

- 16. (Original) The toner regulating system of claim 15 wherein said toner carrier comprises a developer roller.
- 17. (Original) The toner regulating system of claim 15 wherein said doctor blade extends beyond said nip in a direction away from said first portion.

- 18. (Original) The toner regulating system of claim 15 wherein said doctor blade is mounted to said support at a location downstream from said nip with respect to a direction said toner carrier carries toner.
 - 19. (Original) The toner regulating system of claim 15:

wherein said coating has an as applied surface roughness of 0.2 um to 1.5 um Ra;

wherein said doctor blade extends beyond said nip in a direction away from said first portion; and

wherein said doctor blade is mounted to said support at a location downstream from said nip with respect to a direction said toner carrier carries toner.

20. (Original) A toner layer regulating system for an electrophotographic image forming apparatus, comprising:

a frame;

a doctor blade forming a nip with a toner carrier and comprising a flexible metallic substrate cantilevered from said frame, said doctor blade further comprising an external metallic coating disposed to cover at least a portion of a side of said flexible substrate proximate said nip;

wherein said coating comprises at least a material selected from the group consisting of molybdenum and tungsten; and

wherein said nip is formed between said coating and said toner carrier.

- 21. (Original) The toner regulating system of claim 20 wherein said toner carrier comprises a developer roller.
- 22. (Original) The toner regulating system of claim 20 wherein said coating has a surface roughness of \leq 2.0 um Ra.
- 23. (Original) The toner regulating system of claim 23 wherein said coating has a surface roughness of 0.2 um to 1.5 um Ra.
- 24. (Original) The toner regulating system of claim 20 wherein said doctor blade extends beyond said nip in a direction away from said frame.

- 25. (Original) A toner cartridge, comprising:
 - a housing;
 - a toner carrier rotatably supported by said housing;
 - a toner regulating member disposed proximate said toner carrier, having a first surface disposed toward said toner carrier, and forming a nip with said toner carrier; said toner regulating member comprising a flexible metallic substrate and a metallic coating disposed so as to cover said first surface in an area thereof forming said nip; and
 - wherein said coating comprises at least a material selected from the group consisting of molybdenum and tungsten.
- 26. (Original) The toner cartridge of claim 25 wherein said coating has a thickness of not more than 30 um.
- 27. (Original) The toner cartridge of claim 25 wherein said coating is a thermal sprayed coating of a thickness of not more than 30 um.
- 28. (Original) The toner cartridge of claim 25 wherein said toner regulating member has a first portion mounted for support by said housing and a second portion supported in cantilever fashion by said first portion; said nip disposed in said second portion.
- 29. (Original) The toner cartridge of claim 25 wherein said substrate has a thickness in the range of 0.02 mm to 0.20 mm.

- 30. (Original) The toner cartridge of claim 25 wherein said coating has a surface roughness of ≤2.0 um Ra.
- 31. (Original) The toner cartridge of claim 30 wherein said coating has a surface roughness of 0.2 um to 1.5 um Ra.
- 32. (Original) The toner cartridge of claim 31 wherein said coating has a surface roughness of 0.7 um to 1.1 um Ra.
- 33. (Original) The toner cartridge of claim 25 wherein said coating is substantially homogeneous.
- 34. (Original) The toner cartridge of claim 25 wherein said substrate has a generally plate-like appearance.
 - 35. (Original) The toner cartridge of claim 25 wherein:

said coating is a thermal sprayed coating of a thickness of not more than 30 um;

said toner regulating member has a first portion mounted for support by said housing and a second portion supported in cantilever fashion by said first portion; said nip disposed in said second portion;

said substrate has a thickness of approximately 0.075 mm; and said coating has a surface roughness of ≤ 2.0 um Ra.

- 36. (Original) An image forming device, comprising:
 - a latent image carrier;
 - a toner carrier rotatably supported by said housing and supplying toner to said latent image carrier;
 - a toner regulating member disposed proximate said toner carrier, having a first surface disposed toward said toner carrier, and forming a nip with said toner carrier; said toner regulating member comprising a flexible metallic substrate and a metallic coating disposed to cover an area of said first surface forming said nip; and
 - wherein said coating comprises at least a material selected from the group consisting of molybdenum and tungsten.
- 37. (Original) The image forming device of claim 36 wherein said coating has a thickness of not more than 30 um.
- 38. (Original) The image forming device of claim 36 wherein said coating is a thermal sprayed coating of a thickness of not more than 30 um.
- 39. (Original) The image forming device of claim 36 wherein said toner regulating member has a first portion mounted for support by said housing and a second portion supported in cantilever fashion by said first portion; said nip disposed in said second portion.
- 40. (Original) The image forming device of claim 36 wherein said substrate has a thickness in the range of 0.02 mm to 0.20 mm.

- 41. (Original) The image forming device of claim 36 wherein said coating has a surface roughness of ≤ 2.0 um Ra.
- 42. (Original) The image forming device of claim 41 wherein said coating has a surface roughness of 0.2 um to 1.5 um Ra.
- 43. (Original) The image forming device of claim 42 wherein said coating has a surface roughness of 0.7 um to 1.1 um Ra.
- 44. (Original) The image forming device of claim 36 wherein said coating is substantially uniform in composition.
- 45. (Original) The image forming device of claim 36 wherein said substrate has a generally plate-like appearance, and wherein said toner carrier comprises a developer roller.
 - 46. (Original) The image forming device of claim 36 wherein:

said toner carrier comprises a developer roller;

said coating is a substantially homogeneous thermal sprayed coating of a thickness of not more than 30 um;

said toner regulating member has a first portion mounted for support by said housing and a second portion supported in cantilever fashion by said first portion; said nip disposed in said second portion;

said substrate has a thickness in the range of 0.02 mm to 0.20 mm; and said coating has a surface roughness of 0.2 to 1.5 um Ra.

- 47. (Currently amended) A toner layer regulating system for an electrophotographic image forming apparatus, comprising:
 - a toner carrier;
 - a toner regulating member disposed proximate said toner carrier, having a first surface disposed toward said toner carrier, and forming a nip with said toner carrier; said toner regulating member comprising a flexible metallic substrate and a metallic coating applied on said first surface in an area thereof forming said nip;

wherein said metallic coating comprises molybdenum.

- 48. (Canceled)
- 49. (Currently amended) The toner regulating system of claim 48 wherein said material molybdenum is the largest constituent component of said coating on a by weight basis.
- 50. (New) The toner regulating system of claim 1 wherein said metallic coating comprises molybdenum.